

Catalogue of the type material of Phasmatodea (Insecta) deposited in Brazilian Museums

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ABSTRACT. The type material of Phasmatodea deposited in Brazilian museums and institutions is listed for the first time. New synonyms are proposed: *Phibalosoma paulense* Toledo Piza, 1938, *Phibalosoma rochai* Toledo Piza, 1938, *Bacteria tuberculata* Toledo Piza, 1938 and *Bacteria tuberculata* var. *argentina* Toledo Piza, 1938 are junior synonyms of *Cladomorphus phyllinus* (Gray, 1835). Nineteen new combinations are established.

KEYWORDS. Phasmatodea, type material, Brazil, new synonyms, new combinations.

RESUMO. Catálogo do material-tipo de Phasmatodea (Insecta) depositado em museus brasileiros. O material-tipo de Phasmatodea depositado em museus e instituições brasileiras é listado pela primeira vez. Novas sinonímias são propostas: *Phibalosoma paulense* Toledo Piza, 1938, *Phibalosoma rochai* Toledo Piza, 1938, *Bacteria tuberculata* Toledo Piza, 1938 e *Bacteria tuberculata* var. *argentina* Toledo Piza, 1938 são sinônimos júnior de *Cladomorphus phyllinus* (Gray, 1835). Dezenove novas combinações são estabelecidas.

PALAVRAS-CHAVE. Phasmatodea, material-tipo, Brasil, novas sinonímias, novas combinações.

More than 200 species of Phasmatodea are described from Brazil. The type material of Phasmatodea deposited in Brazilian museums mainly belongs to the 38 species described by Prof. Dr. Salvador de Toledo Piza Jr. (1898 – 1988), even though not all of these species were collected in Brazil. Further species have been described by ZOMPRO & ADIS (2001) and ZOMPRO (2004, 2005).

The type material is housed in the following collections: Toledo Piza Collection (ESLQTP), Departamento de Entomologia, Fitopatologia e Zoologia Agrícola, Escola Superior de Agricultura “Luiz de Queiroz”, Piracicaba, São Paulo – this collection, arranged in six wooden drawers with glass top (nos. 24/58, 25/59, 26/60, 27/61, 28/57 and 61/62), contains the majority of the species described by Toledo Piza; Museu de Zoologia da Universidade São Paulo (MZSP), São Paulo – this collection contains about one dozen drawers of pinned material and several jars with material in alcohol, with types of Toledo Piza and Zompro & Adis; Museu Paraense Emílio Goeldi (MPEG), Belém, Pará; Instituto Biológico de São Paulo (IBSP), São Paulo.

All type specimens have been examined in the collections concerned. The type status of all specimens has been confirmed by a comparison with the original descriptions. The taxa are listed in alphabetical order of the species name in the list below. The systematic attachment of the species in this catalogue follows BRADLEY & GALIL (1977) and includes the changes published by ZOMPRO (2001, 2004, 2005). The following format is used:

species AUTHOR, reference [*original genus*]
[Data as mentioned in the original description: locality; date; collector; additional data]

COLLECTION: data of labels of type specimens

[*valid name*]

Observations

List of type material

affinis TOLEDO PIZA, 1936b:281 [*Canuleius*]
[Type, ♀: Alto da Serra (S. Paulo); no date mentioned; Schwebel leg.; Nr. 15294.]

MZSP: holotype, ♀: 15294, S. Paulo; 93.059.

[*Canuleius affinis* Toledo Piza, 1936] Heteronemiidae: Canuleiini.

“Alto da Serra” probably refers to the present Paranapiacaba city, SP, Brazil.

albogranulatus TOLEDO PIZA, 1938b:9 [*Ceroys*]

[Type, ♂: São Paulo, Alto da Serra; no date mentioned; Schwalb leg.]

ESLQTP: holotype, ♂: São Paulo, Alto da Serra, coll. E. Schw., 30-6-32.

[*Ceroys (Ceroys) albogranulatus* Toledo Piza, 1938] Heteronemiidae: Canuleiini.

“Alto da Serra” probably refers to the present Paranapiacaba city, SP, Brazil.

auritus TOLEDO PIZA, 1936b:287, pl. 2: 2 [*Ceroys*]

[Type, ♀: S. Paulo; no date mentioned; A. Baer leg.]

MZSP: holotype, ♀: 14.882; 92.950.

[*Ceroys toledopizai* Zompro, 2003] Heteronemiidae: Canuleiini.

Replacement name, preoccupied by *Ceroys auritus* (Burmeister, 1838).

bahiensis TOLEDO PIZA, 1938a:42, fig. 3 [*Pseudobacteria*]

[♀: Bahia; no date mentioned; Camargo col.]
 ESLQTP: holotype, ♀: Bahia, Jequié, Camargo leg., XII.32.
 [*Phanocloidea bahiensis* (Toledo Piza, 1938) **comb. nov.**]
 “Anareolatae”: Diapheromeridae: Diapheromerinae:
 Diapheromerini.

bispinosus TOLEDO PIZA, 1936b:282, fig. 1 [*Canuleius*]
 [Type, ♂: Bahia; 1932; Camargo leg.]
 MZSP: holotype, ♂: XII.32, Bahia, Jequié, Camargo leg.;
 93.061.
 [*Canuleius bispinosus* Toledo Piza, 1936]
 Heteronemiidae: Canuleiini.

bispinosus TOLEDO PIZA, 1939b:114 [*Cladoxerus*]
 [Type, ♀: Orán (Salta), Argentina; no date mentioned; J.
 B. Daguerre leg.; n.º. 34786.]
 ESLQTP: not traced.
 [*Cladoxerus bispinosus* Toledo Piza, 1939] “Anareolatae”:
 Diapheromeridae: Cladomorphinae.

boliviana TOLEDO PIZA, 1939b:115 [*Heteronemia*]
 [Type, ♀: Bolivia; no date mentioned; J. Steinbach leg.;
 no. 12138.]
 ESLQTP: not traced.
 [*Dyme boliviana* (Toledo Piza, 1939) **comb. nov.**]
 “Anareolatae”: Diapheromeridae: Diapheromerinae:
 Diapheromerini.
 This species can tentatively be placed in *Dyme* Stål, 1875,
 but the diagnosis does not allow a definite assignment.

bosqi TOLEDO PIZA, 1938b:4 [*Phthoa*]
 [Types, ♂, ♀: Misiones (Republica Argentina); no date
 mentioned; Juan M. Bosq leg.]
 ESLQTP: syntypes, ♂, ♀: Juan M. Bosq, Misiones (Arg.).
 [*Paraleptynia bosqi* (Toledo Piza, 1938) **comb. nov.**]
 Heteronemiidae: Paraleptyniini.

brasiliensis TOLEDO PIZA, 1938b:4 [*Phthoa*]
 [Type, ♀: Murtinho (E. de Matto Grosso); no date
 mentioned; R. Spitz col.]
 ESLQTP: holotype, ♀: 22.030.
 [*Globocalynda brasiliensis* (Toledo Piza, 1938) **comb.**
nov.] “Anareolatae”: Diapheromeridae: Diapheromerinae:
 Diapheromerini.
 The head is too long for a *Globocalynda* Zompro, 2001,
 possibly a new genus is required. The locality “E. de
 Matto Grosso” mentioned in the original description
 refers to the present Rondônia state, Brazil.

brasiliensis TOLEDO PIZA, 1938b:8, fig. 8 [*Dixippus*]
 [Type, ♂: Brasil (?); no date mentioned; Luederwaldt col.]
 ESLQTP: holotype, ♂: 14.873.
 [*Hermagoras hosei* (Kirby, 1896)] “Anareolatae”:
 Diapheromeridae: Lonchodinae: Lonchodini.
 Synonymized by BRAGG, 2001: 461. Definitely from Asia.

brevipes TOLEDO PIZA, 1936b:284 [*Canuleius*]
 [Type, ♀: São Paulo (Alto da Serra); no date mentioned;
 D. Braz col.]
 IBSP: holotype, ♀: São Paulo, Alto da Serra, IV-1936, Coll.
 Donias Braz, 1121.

[*Canuleius brevipes* Toledo Piza, 1936] Heteronemiidae:
 Canuleiini.
 “Alto da Serra” probably refers to the present city of
 Paranapiacaba, SP, Brazil.

brunneri TOLEDO PIZA, 1936b:288, pl. 2: 5 [*Ceroys*]
 [Type, ♀: Rio de Janeiro, Macahé; no date mentioned;
 Garbe leg.]
 MZSP: holotype, ♀: Rio de Janeiro, Serra Macahé; 92.951.
 [*Ceroys brunneri* Toledo Piza, 1936] Heteronemiidae:
 Canuleiini.

cearensis TOLEDO PIZA, 1938b:6, fig. 7 [*Wattenwylia*]
 [Types, 2 ♀: Ceará; no date mentioned; Prof. Dias da Rocha
 leg.]
 ESLQTP: not traced.
 [*Wattenwylia cearensis* Toledo Piza, 1938] “Anareolatae”:
 Diapheromeridae: Cladomorphinae.

chacoensis TOLEDO PIZA, 1939b:113 [*Bacteria*]
 [♂: Argentina: Chaco; no date mentioned; F. Ohnheiser
 leg.; no. 34194.]
 ESLQTP: not traced.
 [*Bacteria chacoensis* Toledo Piza, 1939] “Anareolatae”:
 Diapheromerinae: Diapheromerini.
 The description does not allow a generic assignment,
 but it does not definitely belong to *Bacteria* St. Fargeau
 & Audinet-Serville, 1827.

corallinus TOLEDO PIZA, 1936b:282 pl. 2: 3 [*Canuleius*]
 [Types, 2 ♂: Alto da Serra (S. Paulo); no date mentioned;
 Schwebel leg.]
 MZSP: syntype, ♂: 14.893; 93.056; syntype, ♂: 15585, São
 Paulo Est. Alto Serra.
 [*Canuleius corallinus* Toledo Piza, 1936] Heteronemiidae:
 Canuleiini.
 “Alto da Serra” probably refers to the present city of
 Paranapiacaba, SP, Brazil.

crassithorax TOLEDO PIZA, 1937:2 [*Olcypoides*]
 [Type, ♀: Santa Catharina (Colonia Hansa); 1907; Ehrhardt
 leg.]
 ESLQTP: holotype, ♀: St. Catharina, col. Hansa, anno 1907.
 [*Metriophasma (Metriophasma) crassithorax* (Toledo
 Piza, 1937) **comb. nov.**] Pseudophasmatidae: Stratocleinae.
 “Colonia Hansa” probably refers to a village at the city
 of Joinville, SC, Brazil (NEIVA, 1930).

cryphaleus var. *dentatus* TOLEDO PIZA, 1938a:41
 [*Cladoxerus*]
 [♀: S. Paulo (Capital); no date mentioned; no collector
 mentioned.]
 ESLQTP: holotype, ♀: São Paulo, Capital, X-22.
 [*Baculum dentatum* (Toledo Piza, 1938) **comb. nov.**]
 “Anareolatae”: Diapheromeridae: Cladomorphinae.

debilis TOLEDO PIZA, 1938b:2, fig. 1 [*Gratidia*]
 [Type, ♂: Ceará; no date mentioned; Prof. Dias da Rocha
 leg.]
 ESLQTP: not traced.
 [*Xiphophasma debilis* (Toledo Piza, 1938) **comb. nov.**]

Heteronemiidae: Paraleptyniini.

dentatus TOLEDO PIZA, 1937:7 [*Stratocles*]

[♂: Matto Grosso (Três Lagoas); Novembro de 1929; Coll. R. Spitz.]

ESLQTP: holotype, ♂: Matto Grosso, Três Lagoas, Coll. R. Spitz, XI.29.

[*Paraphasma dentatum* (Toledo Piza, 1937) **comb. nov.**] Pseudophasmatidae: Stratocleinae.

The locality “Matto Grosso” mentioned in the original description and on the label refers to the present Mato Grosso do Sul state, Brazil.

dubius TOLEDO PIZA, 1937:3 [*Olciphides*]

[Type, ♂: São Paulo; no date mentioned; Schwebel col.; no. 14.896.]

ESALQTP: syntype, ♂: São Paulo Capital coll. E. Schw. II.96; syntype, ♂: 14.896.

[*Periodes dubius* (Toledo Piza, 1937) **comb. nov.**] Pseudophasmatidae: Xerosomatinae: Prexaspini.

TOLEDO PIZA (1937) refers to the label data of both specimens. In the description he states “Typo no Museu Paulista”. The use of the singular must be considered as erroneous.

evoneobertii ZOMPRO & ADIS, 2001:294, fig. 1 [*Echetlus*]
[Holotype, ♂: Brazil, Boa Esperança do Sul; 18.II.1998; Cerignoni, J. A. Paratypes, 2♀, 10 eggs: Brazil, Piracicaba-ESLQ/USP; IX.2000; Bernardi, E. B.; criado em laboratório em folhas de *Eucalyptus* sp.]

MZSP: holotype, ♀: Brazil, Boa Esperança do Sul, Cerignoni, J. A., 18.II.1998; Paratypes: 2♀, 10 eggs: Brazil, Piracicaba-Esalq/USP, Bernardi, E.B., IX.2000, criado em laboratório em folias (*sic*) *Eucalyptus* sp.

[*Echetlus evoneobertii* Zompro & Adis, 2001] “Anareolatae”: Phasmatidae: Platycraninae.

Further type material in coll. O. Zompro and Australian National Collection, Canberra, Australia.

fischeri TOLEDO PIZA, 1936b:283 [*Canuleius*]

[Type, ♂: Rio de Janeiro; no date mentioned; J. Vic. Azevedo leg.]

MZSP: holotype, ♂: Rio de Janeiro ?.

[*Canuleius fischeri* Toledo Piza, 1936] Heteronemiidae: Canuleiini.

flagelloantennata ZOMPRO, 2005:137, fig. 3 [*Otocraniella*]
[Holotype, ♀: [Brazil] Chapéu de Sol – Serra do Cipó – MG; 7.XII.1969; Montouchet col.; Papered.]

MZSP: holotype, ♀: Chapéu de Sol – Serra do Cipó – MG, 7.XII.1969, Montouchet col.

[*Otocraniella flagelloantennata* Zompro, 2004] “Anareolatae”: Diapheromeridae: Cladomorphinae.

foliata TOLEDO PIZA, 1938b:6, fig. 4-6 [*Wattenwylia*]

[Types, 4♀: Ceará; no date mentioned; Prof. Dias da Rocha leg.]

ESLQTP: not traced.

[*Wattenwylia foliata* Toledo Piza, 1938] “Anareolatae”: Diapheromeridae: Cladomorphinae.

According to the original description, two female types

should be housed in the author’s Collection and another two at “Museu Rocha, Fortaleza, Ceará, Brazil”. However, “Museu Rocha” does not exist any longer and its collection would have been transferred to the Centro de Ciências Agrárias (CCAC), Universidade Federal do Ceará, Fortaleza, Ceará, Brazil. The CCAC collection has not been visited, but provided a list of material. This did not include phasmatodeans.

fragilis TOLEDO PIZA, 1938b:2 [*Gratidia*]

[Type, ♂: Ceará; no date mentioned; Prof. Dias da Rocha leg.]

ESLQTP: not traced.

[*Xiphophasma fragilis* (Toledo Piza, 1938) **comb. nov.**] Heteronemiidae: Paraleptyniini.

fulgens ZOMPRO, 2005:138, fig. 4 [*Echetlus*]

[Holotype, ♀: Brasil, MT, Barra dos Bugres, R. E. Serra das Araras; 23.I.1986; no collector mentioned.]

MPEG: holotype, ♀: Brasil, MT, Barra dos Bugres, R. E. Serra das Araras, 23.I.1986.

[*Echetlus fulgens* Zompro, 2004] “Anareolatae”: Phasmatidae: Platycraninae.

grandis TOLEDO PIZA, 1936b:280, pl. 2: 1 [*Canuleius*]

[Type, ♀: Alto da Serra (S. Paulo), Brasil; no date mentioned; Schwebel leg.; nr. 14.800. Type, ♀: Castro (Paraná), Brasil; no date mentioned; Garbe leg.; nr. 14.893b.]

MZSP: syntype, ♀: 14800, S. Paulo; 93.057; Syntype, ♀: 14893b, Paraná; 93.058.

[*Canuleius grandis* Toledo Piza, 1936] Heteronemiidae: Canuleiini.

“Alto da Serra” probably refers to the present Paranapiacaba city, SP, Brazil.

heymonsi TOLEDO PIZA, 1936b:291, pl. 2: 6 [*Miroceroy*s]

[Type, ♀, Paratypes, 2♀: São Paulo (Alto da Serra); no date mentioned; D. Braz col. Do Instituto Biológico de São Paulo.]

IBSP: holotype, ♀: São Paulo, Alto da Serra, Coll. D. Braz; Paratype, 1♀ nymph: São Paulo, Alto da Serra, coll. Braz, 1119.

[*Ceroys (Miroceroy)s heymonsi* (Toledo Piza, 1936) **comb. nov.**] Heteronemiidae: Canuleiini.

In the original description, the author mentions two juvenile females (paratypes). Only one could be traced. “Alto da Serra” probably refers to the present Paranapiacaba city, SP, Brazil.

imbe TOLEDO PIZA, 1939a:444, fig. 1 [*Otocrania*]

[Type, ♀: Água Preta, E. da Bahia, Brasil; 1938; Agr. Pedrito Silva col.]

ESLQTP: holotype, ♀: Col. Em Imbé, 10-12-938, Agua Preta, E. da Bahia, P. Silva.

[*Otocrania imbe* Toledo Piza, 1939] “Anareolatae”: Diapheromeridae: Cladomorphinae.

libidosus TOLEDO PIZA, 1943:290, fig. 3-4

[*Acanthoderus*]

[Types, ♂, ♀: Mogí das Cruzes, E. de S. Paulo; XI-1939; M.

Carrera col.; collected in copula]
 ESLQTP: syntypes, ♂, ♀, mounted on one pin: São Paulo, Mogy da Cruzes (in cop.), XI-939, M. Carrera coll.
 [*Canuleius libidinosus* (Toledo Piza, 1943) **comb. nov.**]
 Heteronemiidae: Canuleiini.

longipes TOLEDO PIZA, 1938a:42, fig. 1 [*Pseudobacteria*]
 [Type, ♂: Rio de Janeiro; no date mentioned; no collector mentioned; No. 16.047.]
 ESLQTP: holotype, ♂: 16.047.
 [*Paracalynda longipes* (Toledo Piza, 1938) **comb. nov.**]
 “Anareolatae”: Diapheromeridae: Diapheromerinae: Diapheromerini.
 The species seems to belong to a yet undescribed genus closely related to *Paracalynda* Zompro, 2001.

melzeri TOLEDO PIZA, 1937:6 [*Planudes*]
 [♀: S. Paulo (Bosque da Saúde); no date mentioned; Julius Melzer leg.]
 ESLQTP: holotype, ♀: S. Paulo, Bosque da Saude, 1919, J. Melzer leg.
 [*Planudes melzeri* Toledo Piza, 1937] Pseudophasmatidae: Xerosomatinae: Prexaspini.
 “Bosque da Saúde” refers to a district in São Paulo city, SP, Brazil.

modestus TOLEDO PIZA, 1985b:101 [*Stratocles*]
 [♂: Serra do Navio, Amapá; 10-XI-57; Lenko col.]
 ESLQTP: holotype, ♂: S. do Navio, 10-X-57; Amapá; Lenko.
 [*Citrina modesta* (Toledo Piza, 1985) **comb. nov.**]
 Pseudophasmatidae: Stratocleinae.

multispinosus TOLEDO PIZA, 1936b:287 [*Ceroys*]
 [Type, ♀: S. Paulo, Alto da Serra; no date mentioned; Schwebel leg.]
 MZSP: holotype, ♀: 14.893 a.; 92.947.
 [*Ceroys (Ceroys) spinosus* Zompro, 2004]
 Heteronemiidae: Canuleiini.
 Replacement name, preoccupied by *Ceroys multispinosus* Audinet-Serville, 1838. “Alto da Serra” probably refers to the present Paranapiacaba city, SP, Brazil.

nigrovittata TOLEDO PIZA, 1939a:446, fig. 2 [*Donusa*]
 [Type, ♂: Salto Grande, E. de S. Paulo, Brasil; no date mentioned; Lüderwaldt col.]
 ESLQTP: holotype, ♂: without label.
 [*Neophasma nigrovittata* (Toledo Piza, 1939) **comb. nov.**]
 Pseudophasmatidae: Pseudophasmatinae: Anisomorphini.

ocellatus TOLEDO PIZA, 1937:2 [*Olcypoides*]
 [Type, ♂: Santa Catharina (Blumenau); 1929; no collector mentioned.]
 ESLQTP: holotype, ♂: St. Catharina, Blumenau, Nat. Schaefer ott. 1929.
 [*Metriophasma (Metriophasma) ocellatum* (Toledo Piza, 1937) **comb. nov.**]
 Pseudophasmatidae: Stratocleinae.

paradiacanthoides TOLEDO PIZA, 1938b:8, fig. 3 [*Dilophcephalus*]
 [Type, ♂: Brasil (?); no date mentioned; no collector

mentioned; n° 14873.]
 ESLQTP: holotype, ♂: 14.873.
 [*Paradiacantha acanthocephala* (de Haan, 1842)]
 “Anareolatae”: Necrosiinae.
 Synonymized by BRAGG, 2001: 591. Definitely from Asia.

paulense TOLEDO PIZA, 1938a:41, fig. 2 [*Phibalosoma*]
 [♂: São Paulo; no date mentioned; no collector mentioned.]
 ESLQTP: holotype, ♂: São Paulo.
 [*Cladomorphus phyllinus* (Gray, 1835) **syn. nov.**]
 “Anareolatae”: Diapheromeridae: Cladomorphinae.

platensis TOLEDO PIZA, 1939b:115 [*Leptinia*]
 [♂: Argentina; no date mentioned; Eng. Agr. C. A. Lizer y Trelles leg.]
 ESLQTP: not traced.
 [*Paraleptynia platensis* (Toledo Piza, 1939) **comb. nov.**]
 Heteronemiidae: Paraleptyniini.

redtenbacheri TOLEDO PIZA, 1936b:290 [*Miroceroy*s]
 [Type, ♂: Rio de Janeiro, Serra de Macahé; no date mentioned; Garbe leg.]
 MZSP: holotype, ♂: Serra de Macahé ; 92.952.
 [*Ceroys (Miroceroy)s redtenbacheri* (Toledo Piza, 1936) **comb. nov.**]
 Heteronemiidae: Canuleiini.

rochai TOLEDO PIZA, 1938b:1, fig. 2 [*Phibalosoma*]
 [Type, ♀: Ceará; no date mentioned; no collector mentioned.]
 ESLQTP: not traced.
 [*Cladomorphus phyllinus* (Gray, 1835) **syn. nov.**]
 “Anareolatae”: Diapheromeridae: Cladomorphinae.

scaber TOLEDO PIZA, 1936b:286, pl. 2: 1 [*Ceroys*]
 [♀: S. Paulo, Alto da Serra; no date mentioned; Schwebel leg.]
 MZSP: holotype, ♀: 15.586; 92.948.
 [*Ceroys scaber* Toledo Piza, 1936] Heteronemiidae: Canuleiini.
 “Alto da Serra” probably refers to the present Paranapiacaba city, SP, Brazil.

spatulatus TOLEDO PIZA, 1937:5 [*Damasippus*]
 [♂: Serra de Macahé, E. do Rio do Janeiro; no date mentioned; no collector mentioned.]
 MZSP: holotype, ♂: Serra de Macahé, E. d. Rio; 92.956.
 [*Damasippus spatulatus* Toledo Piza, 1937] Prisopodidae: Prisopodinae.

tuberculata TOLEDO PIZA, 1936a:98, fig. 1 [*Bacteria*]
 [Type, ♀: São Paulo, Brasília; no date mentioned; Agrn. Victor Valentie de Oliveria col.]
 ESLQTP: holotype, ♀: no data.
 [*Cladomorphus phyllinus* (Gray, 1835) **syn. nov.**]
 “Anareolatae”: Diapheromeridae: Cladomorphinae.
 “Brasília” probably refers to a railroad station at Piratininga city, SP, Brazil (NEIVA, 1930).

tuberculata var. *argentina* TOLEDO PIZA, 1939b:113 [*Bacteria*]
 [♀: Jujuy, Dto. C. Ovejero, Santa Clara, Argentina; no date

mentioned; Dr. Aristides Fiora col.; no. 36991.]

ESLQTP: not traced.

[*Cladomorphus phyllinus* (Gray, 1835) **syn. nov.**]
“Anareolatae”: Diapheromeridae: Cladomorphinae.

vetus TOLEDO PIZA, 1936b:281 [*Canuleius*]

[Type, ♂: Sta. Catharina; 1901; Ehrhardt leg.]

MZSP: holotype, ♂: S. Cath. Herhardt.

[*Canuleius vetus* Toledo-Piza, 1936] Heteronemiidae:
Canuleiini.

vittata TOLEDO PIZA, 1985a:1 [*Oestrophora*]

[Type, ♂: Boracéia, Salesópolis, SP; 20.11.63; Rabello col.
Paratype, ♂: Mury, Nova Friburgo, R. J.; 12/76; Cred &
Guimaraes col.]

ESLQTP: holotype, ♂: Est. Biol. Boracéia, Salesópolis, S.
P., 850m., Rabello col., 20.XI.63; 10; Hoya. Paratype, ♂:
Mury, Nova Friburgo, Rio de Janeiro – Br. XII.1976, Cred
& Guimarães col.

[*Prexaspes (Elasia) vittata* (Toledo Piza, 1985) **comb. nov.**]
Pseudophasmatidae: Xerosomatinae: Prexaspini.

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